

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM122222\  
 Data File : BM038208.D  
 Acq On : 22 Dec 2022 21:18  
 Operator : CG/JU  
 Sample : N6009-05  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DBYB7

Quant Time: Dec 23 01:49:19 2022  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SFAM-EPA-SIM-BM122222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 22 23:36:45 2022  
 Response via : Initial Calibration

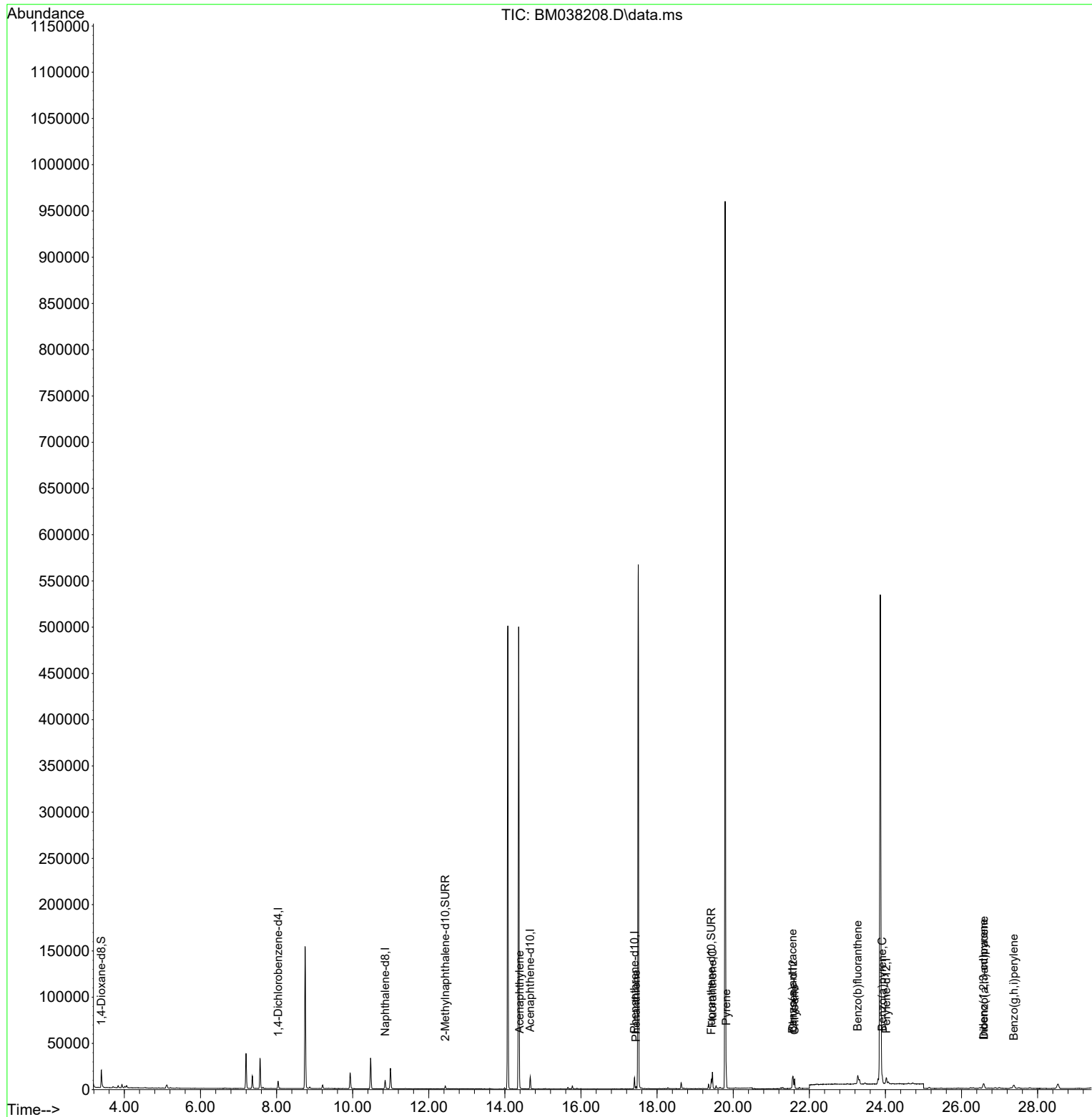
| Compound                    | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|-------|--------|----------|
| -----                       |        |      |          |       |        |          |
| Internal Standards          |        |      |          |       |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.042  | 152  | 3996     | 0.400 | ng/ul  | 0.00     |
| 4) Naphthalene-d8           | 10.856 | 136  | 12383    | 0.400 | ng/ul  | 0.00     |
| 9) Acenaphthene-d10         | 14.666 | 164  | 6973     | 0.400 | ng/ul  | 0.00     |
| 13) Phenanthrene-d10        | 17.405 | 188  | 14259    | 0.400 | ng/ul  | 0.00     |
| 17) Chrysene-d12            | 21.574 | 240  | 9559     | 0.400 | ng/ul  | 0.00     |
| 23) Perylene-d12            | 24.023 | 264  | 9250     | 0.400 | ng/ul  | 0.00     |
| System Monitoring Compounds |        |      |          |       |        |          |
| 3) 1,4-Dioxane-d8           | 3.397  | 96   | 12851    | 3.162 | ng/ul  | 0.00     |
| 6) 2-Methylnaphthalene-d10  | 12.434 | 152  | 3859     | 0.212 | ng/ul  | 0.00     |
| 18) Fluoranthene-d10        | 19.427 | 212  | 9468     | 0.264 | ng/ul  | 0.00     |
| Target Compounds            |        |      |          |       |        |          |
|                             |        |      |          |       | Qvalue |          |
| 10) Acenaphthylene          | 14.388 | 152  | 804      | 0.021 | ng/ul# | 61       |
| 15) Phenanthrene            | 17.447 | 178  | 2765     | 0.058 | ng/ul# | 93       |
| 19) Fluoranthene            | 19.454 | 202  | 14406    | 0.275 | ng/ul# | 94       |
| 20) Pyrene                  | 19.817 | 202  | 14582    | 0.276 | ng/ul  | 99       |
| 21) Benzo(a)anthracene      | 21.556 | 228  | 8540     | 0.204 | ng/ul  | 95       |
| 22) Chrysene                | 21.612 | 228  | 10515    | 0.258 | ng/ul  | 96       |
| 24) Benzo(b)fluoranthene    | 23.272 | 252  | 16511    | 0.403 | ng/ul  | 90       |
| 26) Benzo(a)pyrene          | 23.915 | 252  | 10315    | 0.289 | ng/ul# | 91       |
| 27) Indeno(1,2,3-cd)pyrene  | 26.579 | 276  | 9012     | 0.182 | ng/ul# | 90       |
| 28) Dibenzo(a,h)anthracene  | 26.592 | 278  | 2305     | 0.060 | ng/ul# | 26       |
| 29) Benzo(g,h,i)perylene    | 27.373 | 276  | 8272     | 0.198 | ng/ul# | 92       |
| -----                       |        |      |          |       |        |          |

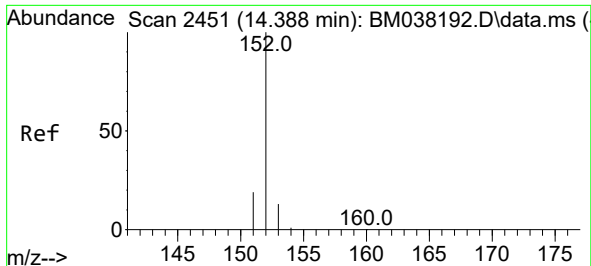
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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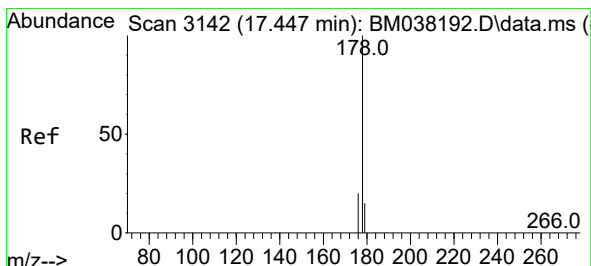
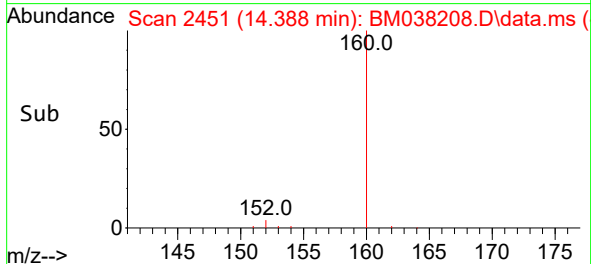
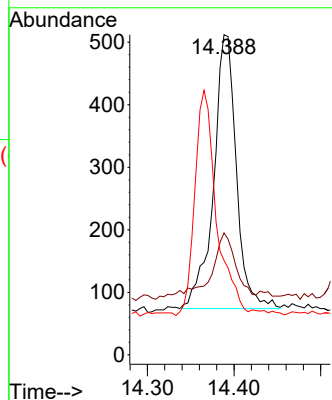
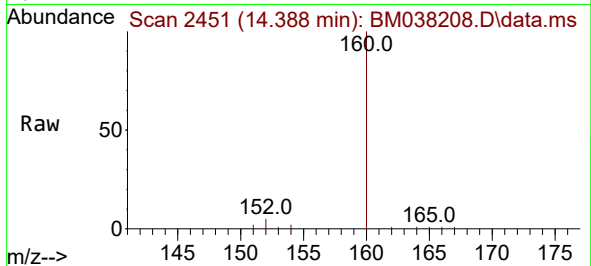




#10  
Acenaphthylene  
Concen: 0.021 ng/ul  
RT: 14.388 min Scan# 2451  
Delta R.T. 0.000 min  
Lab File: BM038208.D  
Acq: 22 Dec 2022 21:18

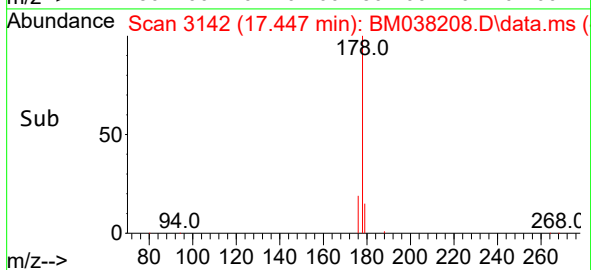
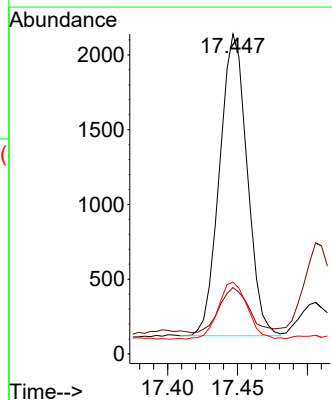
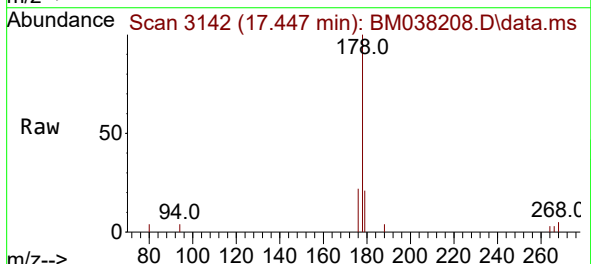
Instrument :  
BNA\_M  
ClientSampleId :  
DBYB7

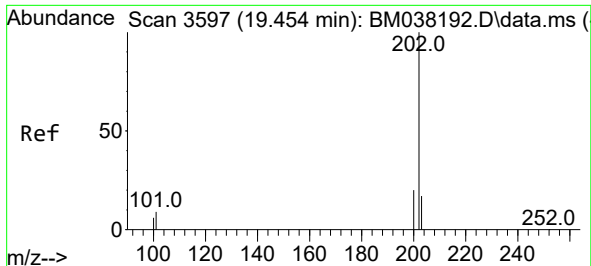
Tgt Ion:152 Resp: 804  
Ion Ratio Lower Upper  
152 100  
151 38.1 16.2 24.2#  
153 29.5 10.7 16.1#



#15  
Phenanthrene  
Concen: 0.058 ng/ul  
RT: 17.447 min Scan# 3142  
Delta R.T. 0.000 min  
Lab File: BM038208.D  
Acq: 22 Dec 2022 21:18

Tgt Ion:178 Resp: 2765  
Ion Ratio Lower Upper  
178 100  
179 20.7 13.0 19.4#  
176 22.5 16.2 24.4

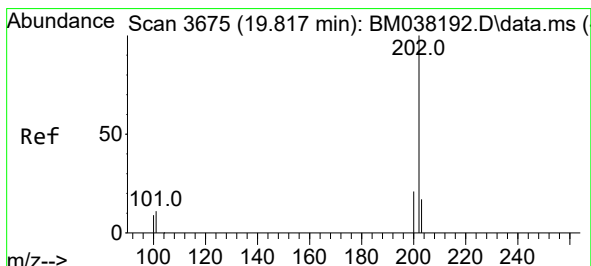
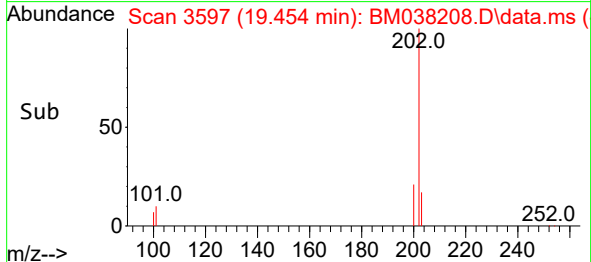
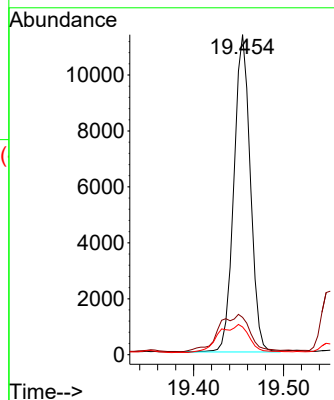
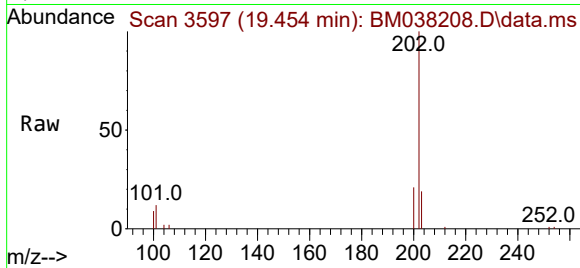




#19  
Fluoranthene  
Concen: 0.275 ng/ul  
RT: 19.454 min Scan# 3597  
Delta R.T. 0.000 min  
Lab File: BM038208.D  
Acq: 22 Dec 2022 21:18

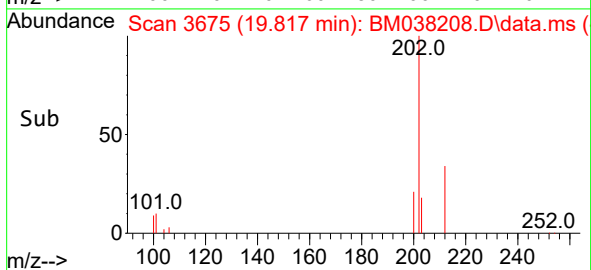
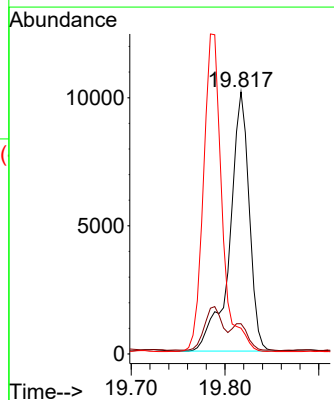
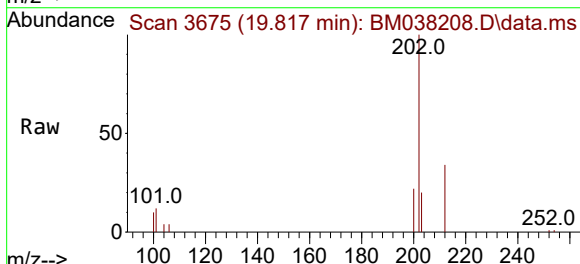
Instrument :  
BNA\_M  
ClientSampleId :  
DBYB7

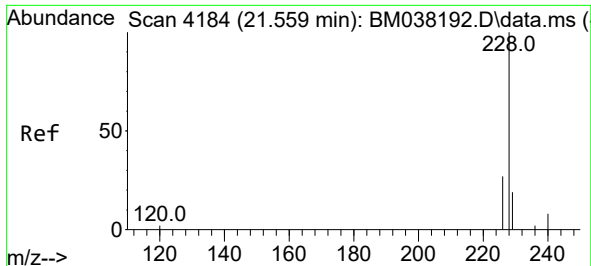
Tgt Ion:202 Resp: 14406  
Ion Ratio Lower Upper  
202 100  
101 11.7 7.5 11.3#  
100 8.7 5.6 8.4#



#20  
Pyrene  
Concen: 0.276 ng/ul  
RT: 19.817 min Scan# 3675  
Delta R.T. 0.000 min  
Lab File: BM038208.D  
Acq: 22 Dec 2022 21:18

Tgt Ion:202 Resp: 14582  
Ion Ratio Lower Upper  
202 100  
101 11.5 8.9 13.3  
100 9.8 7.4 11.0

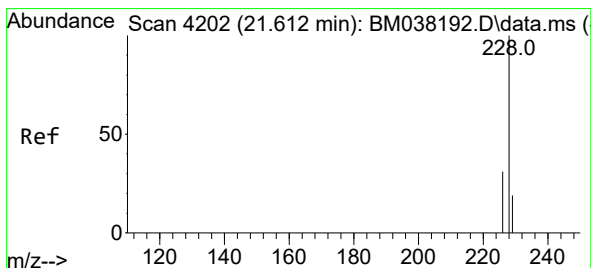
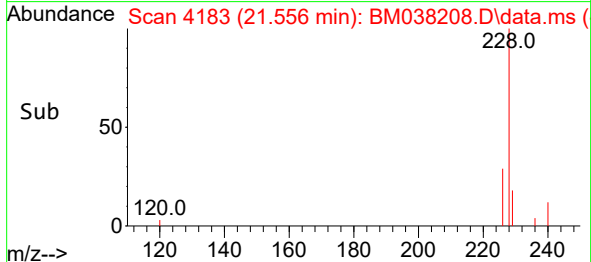
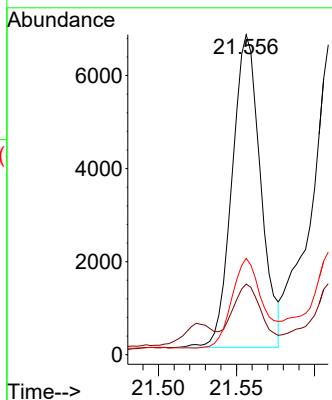
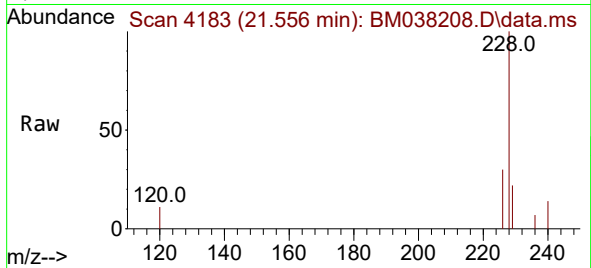




#21  
Benzo(a)anthracene  
Concen: 0.204 ng/ul  
RT: 21.556 min Scan# 4183  
Delta R.T. -0.003 min  
Lab File: BM038208.D  
Acq: 22 Dec 2022 21:18

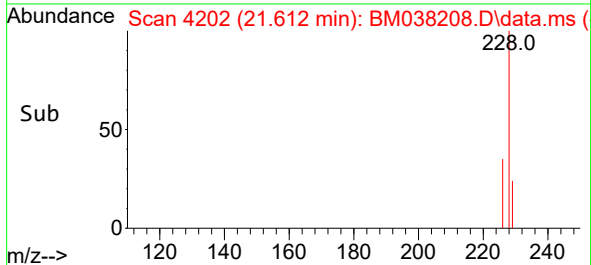
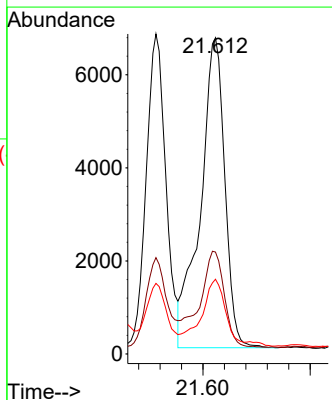
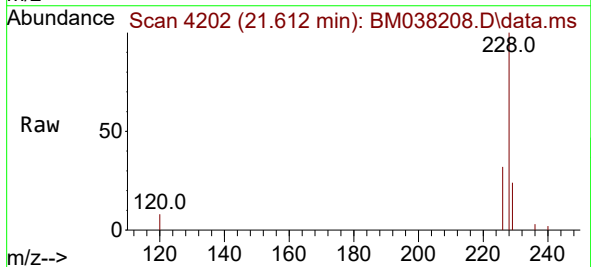
Instrument :  
BNA\_M  
ClientSampleId :  
DBYB7

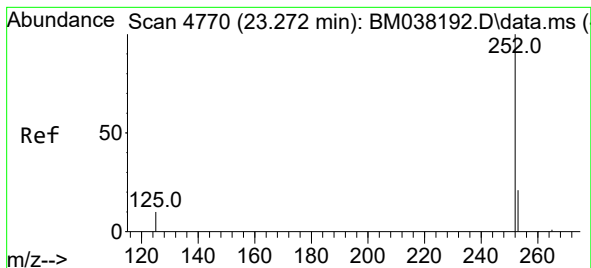
Tgt Ion:228 Resp: 8540  
Ion Ratio Lower Upper  
228 100  
229 22.0 15.5 23.3  
226 30.1 22.2 33.2



#22  
Chrysene  
Concen: 0.258 ng/ul  
RT: 21.612 min Scan# 4202  
Delta R.T. 0.000 min  
Lab File: BM038208.D  
Acq: 22 Dec 2022 21:18

Tgt Ion:228 Resp: 10515  
Ion Ratio Lower Upper  
228 100  
226 32.3 25.0 37.4  
229 23.6 16.0 24.0





#24

Benzo(b)fluoranthene

Concen: 0.403 ng/ul

RT: 23.272 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM038208.D

Acq: 22 Dec 2022 21:18

Instrument :

BNA\_M

ClientSampleId :

DBYB7

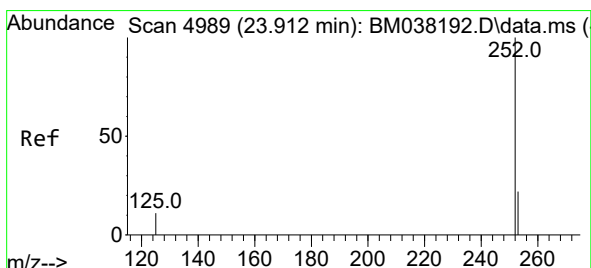
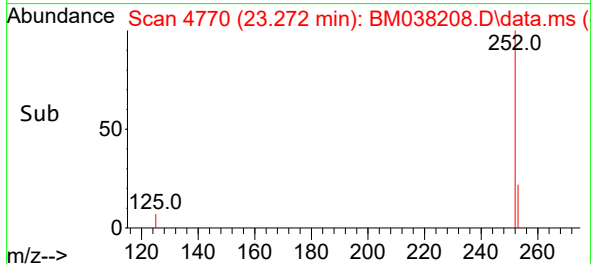
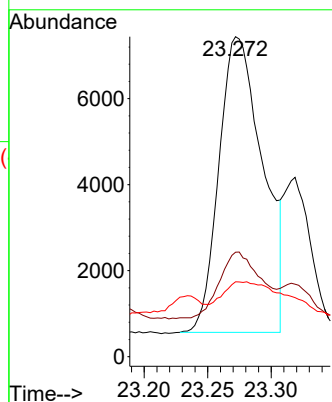
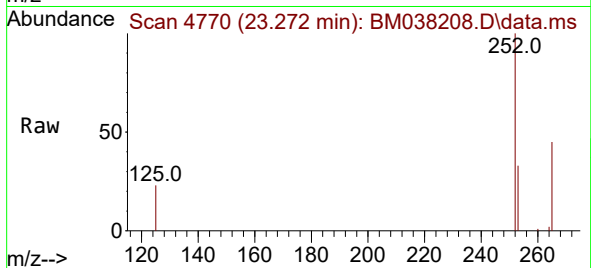
Tgt Ion:252 Resp: 16511

Ion Ratio Lower Upper

252 100

253 32.7 0.0 56.0

125 23.4 0.0 36.6



#26

Benzo(a)pyrene

Concen: 0.289 ng/ul

RT: 23.915 min Scan# 4990

Delta R.T. 0.003 min

Lab File: BM038208.D

Acq: 22 Dec 2022 21:18

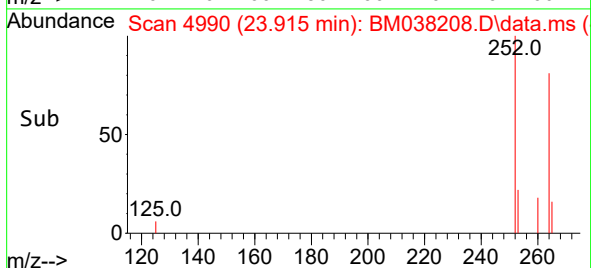
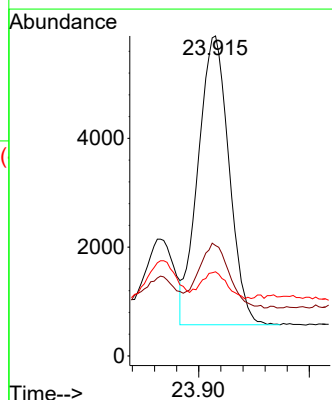
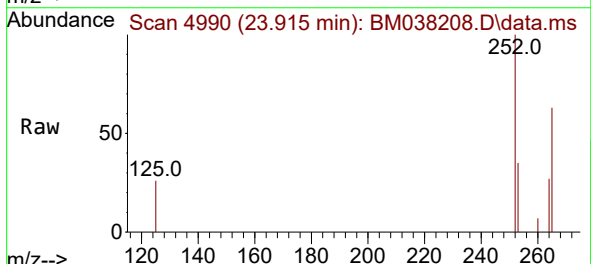
Tgt Ion:252 Resp: 10315

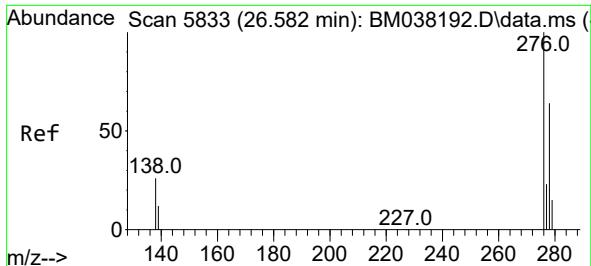
Ion Ratio Lower Upper

252 100

253 34.5 24.2 36.4

125 26.3 17.3 25.9#

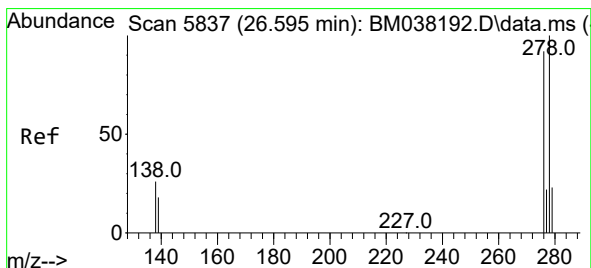
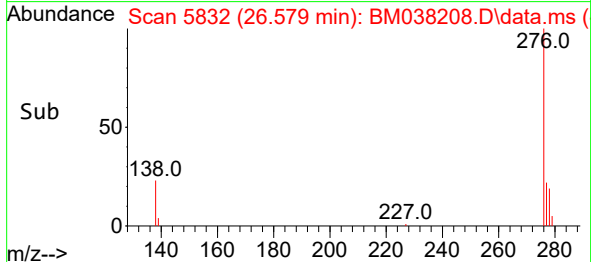
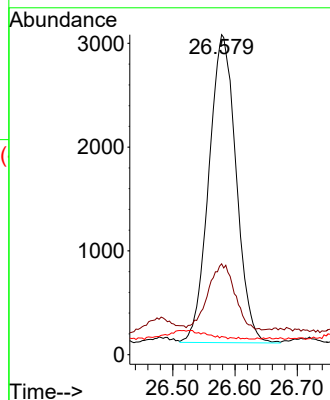
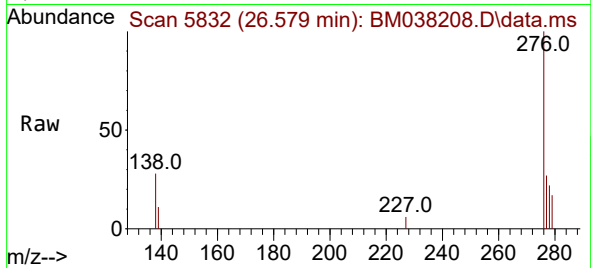




#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.182 ng/ul  
 RT: 26.579 min Scan# 5832  
 Delta R.T. -0.003 min  
 Lab File: BM038208.D  
 Acq: 22 Dec 2022 21:18

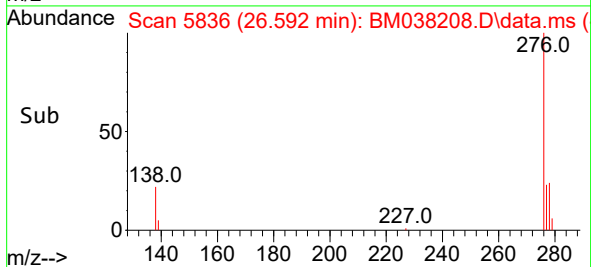
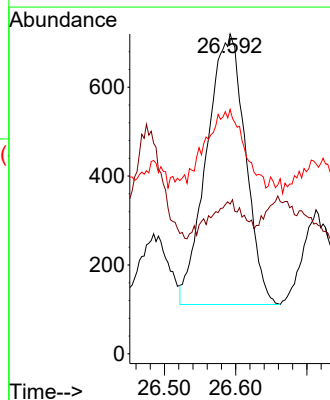
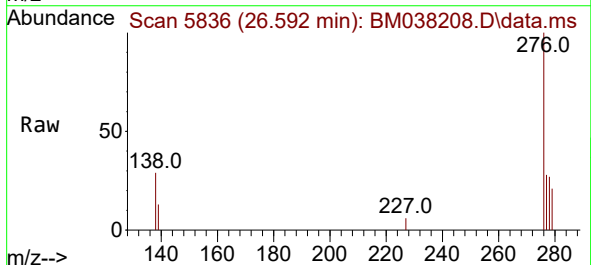
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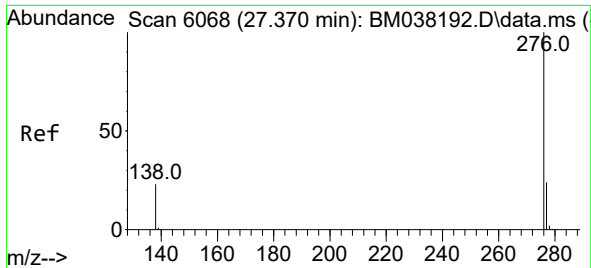
Tgt Ion:276 Resp: 9012  
 Ion Ratio Lower Upper  
 276 100  
 138 22.0 21.7 32.5  
 227 0.0 0.0 0.0



#28  
 Dibenzo(a,h)anthracene  
 Concen: 0.060 ng/ul  
 RT: 26.592 min Scan# 5836  
 Delta R.T. -0.003 min  
 Lab File: BM038208.D  
 Acq: 22 Dec 2022 21:18

Tgt Ion:278 Resp: 2305  
 Ion Ratio Lower Upper  
 278 100  
 139 46.8 16.8 25.2#  
 279 76.4 23.4 35.2#





#29

Benzo(g,h,i)perylene

Concen: 0.198 ng/ul

RT: 27.373 min Scan# 6069

Delta R.T. 0.003 min

Lab File: BM038208.D

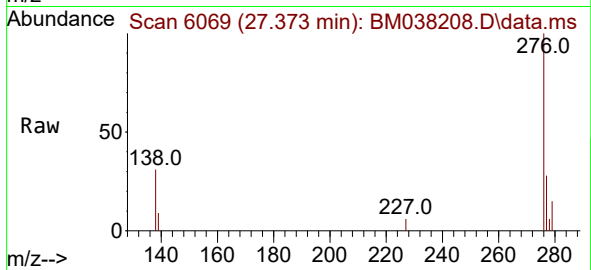
Acq: 22 Dec 2022 21:18

Instrument :

BNA\_M

ClientSampleId :

DBYB7



Tgt Ion:276 Resp: 8272

Ion Ratio Lower Upper

276 100

138 31.3 20.8 31.2#

277 27.9 20.5 30.7

